

"APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R001030810001-7

B E G I N

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CIA-RDP86-00513R001030810001-7"

"APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R001030810001-7

324

APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R001030810001-7"

P.T.A.

Mechanisms

6

621.396.611.1

313
Lukaszewica J., Eng. A Contribution towards the Non-Linear Theory
of Oscillators with Negative Resistance.
"Przycynek do nieniowej teorii oscylatorow z ujemnym opo-
rem". Przeglad Telekomunikacyjny, No 4-7, 1949, pp. 161-166, 9 figs.
A brief mathematical analysis of generators, consisting of a sys-
tem with negative characteristics coupled to a series of parallel re-
sonant circuit. This analysis is based exclusively on differential

equations of oscillation on the basis of which it is possible to arrive
at all the dependences existing in the system.

621-377-39 101-142-548
1310 - A SIMPLIFIED SOLUTION AND NEW APPLICATION OF AN
ANALYSER OF ALGEBRAIC POLYNOMIALS. V. L. Lukashevich
USSR Acad. Polon. Acta Cl. 4, Vol. 1, No. 5, p. 107-1 (1957).

The principle of operation of an analyser for 120-degree complex polynomials is described. The circuit is the improved version of Bubb's (Abstr. 1151, 1952) analysers, but is simpler and reduced in size. A special switching network of the adding circuit permits the reduction of the calculations to one quarter of the complex plane (so a smaller number of amplifiers is needed). A new feedback system is used in the multiplying circuit. Amplitude frequencies higher than the working frequency (500 Hz) at a low power amplifier is sufficient. Application to Fourier analysis and synthesis is also indicated.

LUKASZEWICZ, L.

POL

Lukaszewicz, L., and Steinhaus, H. On determining the
"centre of copper" of a telephone network. Zastos. Mat.
1, 299-307 (1 plate) (1954). (Polish. Russian and MS
English summaries)

The authors present various methods of finding the
minimum of $\sum c_i d(P, P_i)$, where the c_i are positive constants,

P a variable point and the P_i given fixed points in the plane,
and $d(P, Q)$ denotes Euclidean distance.

J. M. Danksin (Washington, D. C.).

X is F/T

JK 8/8

LUKASZEWICZ, L.

621.318.572.018.78 : 681.142

1059. The influence of linear distortions on the accuracy of electronic differential analysers. L.
LUKASZEWICZ. Arch. elektrotech. [Warsaw] 1, No. 2,
103-50 (1952) In Polish.

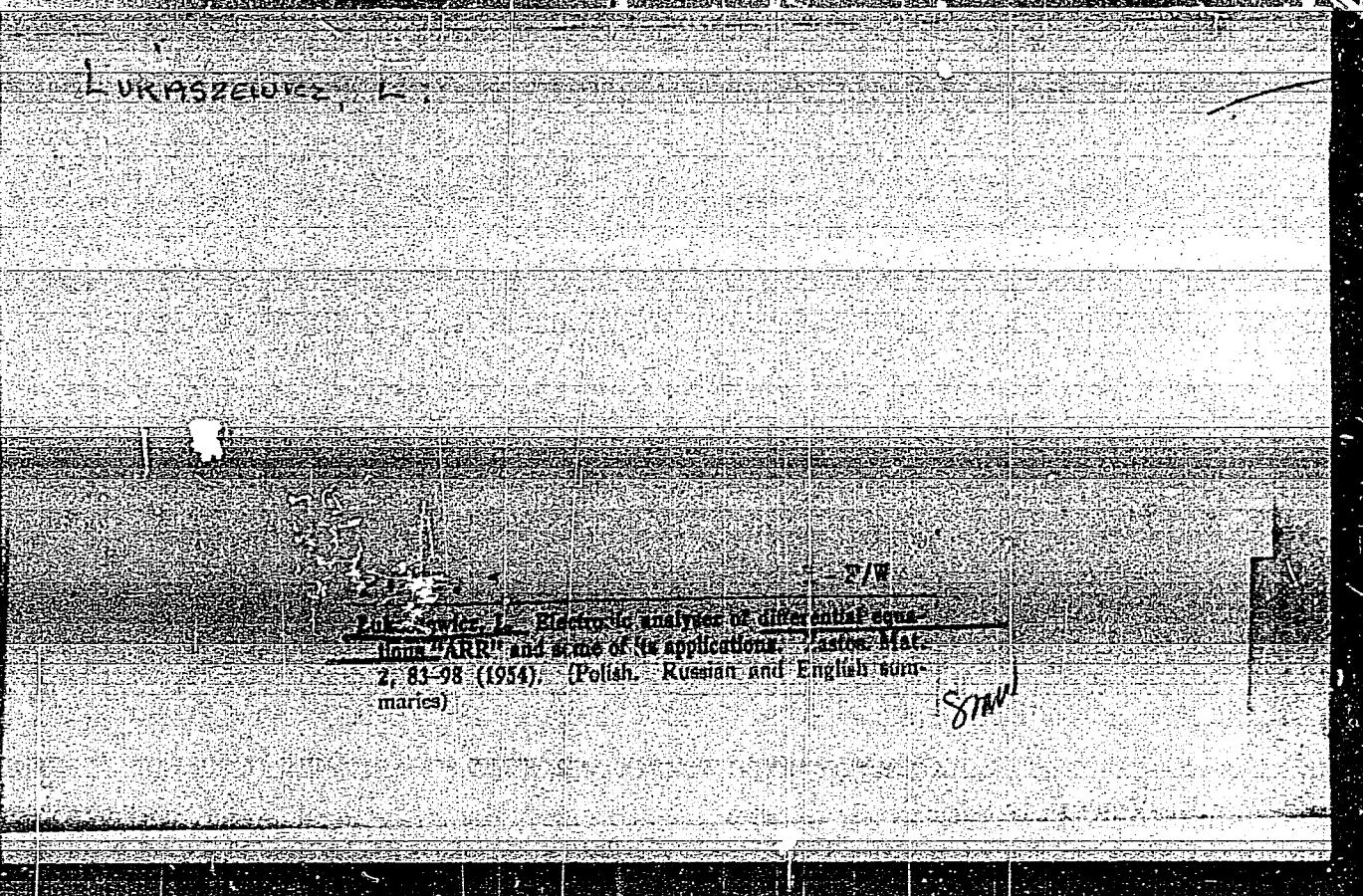
The comprehensive theory (believed to be now) is based on the most general assumptions, and the necessary and practically sufficient conditions ensuring that the errors do not exceed predetermined limits are found. The transfer functions in linear adders and integrators are modified by the addition of terms representing the inadequate setting of parameters in the analyser and the linear distortions; in the latter case the rational, not-identically zero, "distortion functions" $S(z)$ and $C(z)$ are defined. Consequently, the deviation $\Delta\lambda$ of a root λ of the characteristic equation of the ordinary homogeneous linear differential equation accounts for discrepancies between the exact solution $u(t)$ and the actual solution $\hat{u}(t)$ shown by the analyser, the error δ being defined as the ratio of the upper bound of $|\hat{u} - u|$ to the upper bound of the envelope of \hat{u} . The solutions produced by the analyser in the absence of the linear distortions are called "pseudo-solutions" if the parameters lie within prescribed limits. For accurate setting of the parameters, it is found that $\Delta\lambda$ depends upon the values $S(z)$ and $C(z)$ only at the point λ appearing in the solution, but does not depend on the behaviour of these functions within any frequency band. Hence the opinion that the best conditions are obtained within maximum band is incorrect. A number of

Electrical Engineering Abst.
Vol. 57 No. 675
Mar. 1954
Electrical Engineering

L. Lukaszewics 2/2

theorems are proved imposing the limits on $\Delta\lambda$ and δ under specified restrictions; the main theorem shows that when the parameters of the analyser and the functions $S(z)$ and $C(z)$ satisfy appropriate inequalities, the actual solution $u(t)$ differs from a certain pseudosolution by not more than a specified quantity. Formulae suitable for practical applications are expressed in terms of coefficients in (rapidly convergent) Laurent's series for $S(z)$ and $C(z)$; four cases are distinguished which deal with nearly all possibilities encountered in practice. Finally, the theoretical results are compared with the experimental data and show good agreement.

R. SYSKI



LUKASZEWICZ, L.

P O T.

821.373.4

The Influence of Grid Current upon Vlfre
Oscillator Frequency. I. Lukasiewicz. (Bull. Acad.
Polon. Sci., Class. 4, 1958, Vol. 6, No. 2, pp. 177-190.
In English.) Analysis indicates that when the intensity
of harmonics in the oscillator anode and grid circuit is
low, the fundamental component of grid current is the
main factor influencing oscillation frequency. Grid
current harmonics have a greater influence than anode

Lukaszewicz, L.

POL.

621-473-4 : 621-416-726
1907
Prevention of Oscillation of Valve Oscillators in
Report of CTD Current Application, Stabilization
and Load - Electrotechnical (Ref. Acad. Polon. Sci.,
CMA, Warsaw, No. 1, 1951, p. 161-164, in English).
Formulas are derived for determining the values of
stabilizing resistances for series connection in the grid,
anode and LVC circuits.

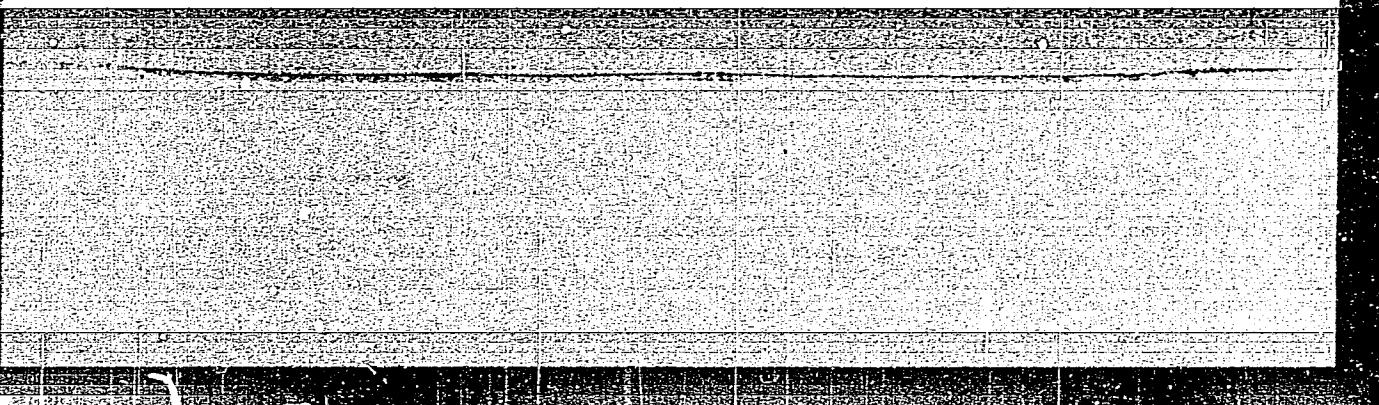
106. AN A.M.-A.M. MULTIPLIER. J. Lutman et al.
Bull. Acad. Polon. Sci. Cl. 4, Vol. 3, No. 1, 1955.

Outline the principle of a simple all-electronic multiplier, which has an accuracy of about 0.3% of the full-scale and upper frequency limits for both factors of about 10 kc/s. A reference signal is modulated by the sum of the demodulated signal and an input signal in a feedback circuit. The modulated signal is added to another reference signal and modulated by the sum of the demodulated signal and a second input signal. The output is fed to a rectifier.

CIA-374-42

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APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R001030810001-7"

Lukaszewicz, L.; and Szeptycki, P. Electronic integrator
of differential equations. E.I.I. Zastos. Mat. 2 (1956).
399-415. (Polish, Russian and English summaries) *Maths* *2*

LUKASZEWCZ, L.

An AM-AM multiplier. In English. p. 145.
ODZIEZ, Lodz. Vol. 3, no. 3, Mar. - May 1956.

SOURCE:

East European Acession List (EEAL) Library of Congress
Vol. 5, no. 8, August 1956.

16. 8000

34607

S/044/62/000/001/059/061
C111/C222

AUTHOR: Lukaszewicz, Leon

TITLE: Zero-one diagrams

PERIODICAL: Referativnyy zhurnal, Matematika, no. 1, 1962, 46,
abstract 1V233. ("Prace zakl. apar. mat. PAN", 1959,
A, no. 1, 11 s., il.)

TEXT: A graphic method is described to represent the dependence
between variables having the values 0 and 1. The concepts: branch, tree,
oriented tree and box are introduced. The diagram is defined as a graph
composed of oriented trees and boxes. Under certain conditions it can
be interpreted as a description of electrical circuits or logical
circuits with binary functional elements.

[Abstracter's note: Complete translation.]

X

Card 1/1

S/044/62/000/003/086/092
C111/C333

AUTHOR: Lukaszewicz, Leon

TITLE: Graphical representation of operations

PERIODICAL: Referativnyy zhurnal., Matematika, no. 3, 1962, 69,
abstract 3 V 417. ("Prace zakl. apar. mat. PAN", 1959, A,
no. 2, 11 pp, ill)

TEXT: The author reports on the use of the graphical representation
of the operations for the description of the mathematical algorithms,
programs and control systems by an electronic computer. The present
paper is a continuation of another article of the author (R Zh Mat, 1962,
1 V 233). The third article see R Zh Mat, 1961, 12 V 348.

[Abstracter's note : Complete translation.]

Card 1/1

LUKASZEWCZ, Leon

Methods of automatic programming; in connection with a conference held in Warsaw, September 5-13, 1961. Nauka Polska 10 no.1:137-138 Ja-F '62.

1. Polska Akademia Nauk, Zaklad Aparatow Matematycznych, Warszawa.

LUKASZEVICZ, Leslaw (Gliwice)

Concrete mix transportation by pumps and other static equipment.
Przegl. budowl. i bud. mięska '66 no. 1-29-2. Ja '64.

LUKASZEWCZ, M.

"Strengthening clay by means of pitch." Budownictw Wieljskie, Warszawa, Vol 6,
No 2, Mar./Apr. 1954, p. 6.

SO: Eastern European Accessions List, Vol 3, No 11, Nov 1954, L.C.

LUKASZENICZ, M.

"Buildings Constructed with Local Materials in Bialystok Voivodeship",
P. 5, (BUDOWNICTWO WIELSKIE, Vol. 6, No. 6, Nov./Dec. 1954, Warsaw,
Poland)

SO: Monthly List of East European Accessions (EHAL), LC, Vol. 4, No. 3,
March 1955, Uncl.

LUKASZEWICZ, M.

Build Millennium schoolhouses from local building materials. p. 13

BUDOWNICTWO WIEJSKIE. (Ministerstwo Rolnictwa i Ministerstwo Państwowych Gospodarstw Polnych) Warszawa, Poland. Vol. 2, no. 3, Mar. 1959

Monthly list of East European Accessions (NEAI) LC Vol. 8, no. 8, Aug. 1959

Uncl.

LUKASZEWICZ, Marian

Influence of the characteristics of emitters on the course of secondary electro-electronic emission; to be used as basis for examining thin layers. Zeszyt probi nauki Pol 25:122-127 '63.

1. Department of Physics, Technical University, Wroclaw.

DUDZIAK, Eugeniusz; LUKASZEWICZ, Marian; ZUCZKOWSKI, Ryszard

Cold cathodes with polycrystalline MgO layer. Przegl elektroniki
3 no. 5:213-220. Maj '62

1. Katedra Fizyki, Politechnika, Wrocław.

CZECHOSLOVAKIA

M. LUKASIEWICZ and E. FRAENKEL, Department of Pharmacology, Medical Faculty, P.J. Safaryk University (Farmakologicky ustav lekarskej fakulty UPJS [University P.J. Safaryka],) Kosice.

"Method for Evaluation of Analgesic Effect."

Prague, Ceskoslovenska Farmacie, Vol 12, No 2, Feb 63; pp. 85-89.

Abstract [English summary modified]: Description of device for automatic administration of painful stimuli together with recording of motor reaction and respiration movements. Diagram, 4 graphs, 2 tables; 2 Czech and 5 Western references.

1/1

LUKASZEWCZ, Mieczyslaw, inz.

Ripening of hard cheese coated with plastics. Prum potravin 15
no.12:616-617 D '64.

1. Center of Dairy Cooperatives, Warsaw.

LUKASZEVICZ, Mieczyslaw, inz.

A modified process of making Gouda and Edam cheese. Prum
potravin 15 no. 6:271-272 Je '64.

1. Center of Dairy Cooperatives, Warsaw, Poland.

LUKASZEWICZ, Marian; WYSOCKI, Antoni

Secondary emission from the anode of a receiving tube.
Przegl elektroniki 5 no. 6 285-290 Je '64.

1. Technical University, Wroclaw.

L 34799-66

ACC NR: AT6014785

SOURCE CODE: GE/2503/65/000/002/0429/0437

22
B7/

AUTHOR: Lukaszewicz, R.

ORG: Computer Institute, Polish Academy of Sciences, Warsaw (Polska Akademia Nauk, Instytut Matematyczny, Warszawa)

TITLE: Analysis and synthesis of nonlinear systems by means of an electronic digital computer

SOURCE: Akademie der Wissenschaften, Berlin. Klasse fur Mathematik, Physik und Technik. Abhandlungen, no. 2, 1965. Berlin, 1966. III. Konferenz über Nicht-lineare Schwingungen, Berlin, 1964. Teil II: Technische Schwingungsprobleme und Fragen der Regelung und Steuerung (Third Conference on Non-linear Vibrations. pt. 2: Technical vibration problems and questions of regulation and control), 429-437

TOPIC TAGS: nonlinear system, digital computer, electronic computer, automatic coding, machine language, AUTOMATIC PROGRAMMING

ABSTRACT: Some methods of applying digital computers for analysis and synthesis of nonlinear systems are given, and prospects for the progressive automation of processes are shown. A comparison is made of the efficiency or programming.. of the machine language and programing with the help of the so-called system of automatic coding (SACO). The language of autocode is similar to the usual language and, therefore, may easily be learned. Furthermore, using the autocode essentially abridges the time of programing. On immediate analysis of nonlinear systems by means of

Card 1/2

L 34799-66

ACC NR: AT6014785

digital computers is considered exemplified by a relay system. The operation of the system is described by differential equations of the first order in standard form, which immediately are solved on a digital computer. The main advantages of this method are its universality, which allows the analysis of systems with many degrees of freedom, and its simplicity with regard to its being acquired by the designer. The last part of the paper is devoted to questions concerning the synthesis of nonlinear systems considered from the point of view of how such systems are best projected. The optimal choice of the parameters for a system with defined structure leads to finding the minimum of the functions $P(X_i)$ ($i = 0, 1, 2, \dots$) determined by the quality criterion under given secondary conditions $R_s(X_i) = 0$ ($s = 0, 1, 2, \dots$); here X_i is the value of the parameters to be chosen. Such a general formulation of the problem allows for universal optimization programs, the use of which essentially increases the efficiency of projecting. The use of such a program is indicated. Orig. art. has: 2 figures, 3 formulas, and 1 table. [Based on author's abstract.]

[KS]

SUB CODE: 20/ SUBM DATE: none/ ORIG REF: 002/ OTH REF: 006/ SOV REF: 001

Card 2/2

JP

P/034/60/000/011/004/005
A225/A126

AUTHOR: Łukaszewicz, Ryszard, Master of Engineering

TITLE: The principles of digital systems in automation

PERIODICAL: Pomiary - Automatyka - Kontrola, no. 11, 1960, 449-452

TEXT: The article is based on the English-language book by R. K. Richards entitled "Arithmetic Operations in Digital Computers" to which the reader is referred for details. It acquaints the automation engineers with the principles on which digital computers are based. The article summarizes the principles of binary arithmetics, of the representation of functions in binary code, with the principles of Boolean algebra, and explains the method of converting the numbers of the decimal system into corresponding numbers of the binary system and vice-versa. It also illustrates the functioning of relays in computers for performing calculations with the numbers 0 and 1, and the functions "and", "or", and "not". There are 7 figures and 6 tables.

Card 1/1

9,7500

22683
P/034/60/000/012/003/004
D235/D302AUTHOR: Zukaszewicz, Ryszard, Master of Engineering

TITLE: Design of logic networks for a digital servo-mechanism

PERIODICAL: Pomiary, Automatyka, Kontrola, no. 12, 1960, 477-480

TEXT: A design of a reversible counter is described, used in a digital position servo-mechanism, controlled by a digital computer. The counter is built of modules as shown in Fig. 1. The module performs an "and" and "or" operation. The construction is based on ferrite cores. There are 6 inputs and it can drive up to 5 modules. The basic speed is $5\mu s$. It has been developed and designed at the Zakład aparatów matematycznych (Department for Computers), Polish Academy of Sciences and it is described in detail in one of their publications [Abstracter's note: Not given]. A servo-mechanism is shown in Fig. 3. Signals $W_1 W_2 W_3$ are inputs from the computer defining the position of the output shaft. W_2 defines the direction of rotation. $S_1 S_2 S_3$ - binary output. Rotation of the shaft is signalled every 1° by the appearance of

Card 1/6

22683

P/034/60/000/012/003/004

D235/D302

Design of logic networks...

a signal in P or L depending on the direction. A reversible counter compares the desired value with the count from the output shaft. Fig. 5 shows the expected performance of the counter. The block diagram of the counter is shown in Fig. 6. The functions of the individual blocks are as follows: Block L - Arithmetic unit with limited memory (Fig. 7 and Fig. 8); Block K - Change of sign unit (Fig. 10); Block D - Determines whether to subtract or add (Fig. 12) Block Sz - Remembers Wz, and inverts Wz on command from L₀ (Fig. 13) Block L₀ - Signals 0 in the counter (Fig. 15); Block dw - Signals change of direction (Fig. 19). T with numbers denote the number of time units (5 sec) for a complete operation in a given block. The complete logic diagram for the reversible counter is shown in Fig. 29. There are 20 figures and 5 tables.

Card 2/6

LUKASZEWCZ, Ryszard

Analysis of nonlinear circuits on digital computer.
Prace inst masz mat 2 no. A-2 1-26 '63.

LUKASZEWICZ, Ryszard (Warsaw)

Selection of optimal values of nonlinear circuit parameters
by means of digital computers. Prace inst masz mat 2 no. 4;
1-17 '64.

POER

Fatty-acid determination in soaps. Wiktor Łukaszewicz
(Oddział Badania Związków i Przedmiotów Użytku Państwowej
P.Z.H., Gliwic). Roczniki Państwowego Zakładu Hig. 2,
101-4 (1951) (French summary).—Gerber's method was
found more satisfactory than the method with Et₄O extn.
for the detn. of fatty acids in soaps. L. J. Plotowski

LUKASZEWCZ, Wladyslaw, inz.

Fruit and vegetable storage in the United States. Przegl
techn 85 no. 43:7,8 25 0 '64.

LUKASZEWICZ, ZYGMUNT

AGRICULTURE

LUKASZEWICZ, ZYGMUNT. Bezpieczenstwo i higiena pracy w leśnictwie.
Wyd. 2. Warszawa, Państwowe Wydawn. Rolnicze i Lesne, 1953. 35 p.

DA Not in DLC

Monthly List of East European Accessions (EEAI) LC Vol. 8, no. 5
May 1959, Unclass.

LUKASZEWCZ-DANCOWA

Malaria in children. Pediat polska 26 no.5:493-511 May 1951
(CIML 21:1)

1. Of the First Pediatric Clinic (Head -- Prof. M. Michalowicz, M.D.)
of Warsaw Medical Academy.

LUKASZEWCZ-DANOWA, D. UL. The CSF in the course of acute poliomyelitis.
(1408) Polsk. Tyg. lek. 1952, 7/31-32 (987-989) Graphs 1 Tables 1

Examination of the CSF ought to be carried out twice, namely in the 1st and the 3rd week of the disease. The findings in the different stages of the disease are considered: (1) No pathological changes in the CSF. (2) Pleocytosis above 1,000 r.c., possibly increasing. (3) A protein level above 200. (4) A low level of sugar, especially a gradual decrease in the subsequent test. (5) An albumino-cytological dissociation at the beginning of the disease. The same in the 2nd to 3rd week of the disease.

So: EXCERPTA MEDICA VOLUME 6, Number 4, Section VIII, April 1953

LUKASZEWCZ-DANCOWA, D.

Rehabilitation in Heine-Medin disease. Pediat. polska 27 no. 7:827-
834 July 1952. (CIML 22:4)

1. Of the Rehabilitation Center, Bielany-Warsaw. (Director of H₁₄ De-
partment--E. Pomerska, M. D.)

EXCERPTA MEDICA Sec. 7 Vol. 9/9 Sept. 55

ŁUKASZEWCZ-DAŃCOWA, D.

1912. ŁUKASZEWCZ-DAŃCOWA D. *Miejskiego Szpit. Zakaznego Nr. 3, Warszawa; Klin. chor. Zakaznych Wieku Dziecięcego Akad. med., Warszawa.

*Zakazenie wirusem Coxsackie u dzieci. Infections due to Coxsackie virus in children PEDIAT. POL. 1954, 29/4 (353-358)

Coxsackie virus was isolated from the stools of 7 children. In 4 cases the disease was probably caused by the virus, in 2 cases there had been most likely carrier-state of the virus in patients suffering from poliomyelitis, 1 case presented asymptomatic infection or had been a carrier of the Coxsackie virus.

From author's summary (XX,7,4,8)

LUKASZEWCZ-DANCOWA, Danuta

GODZINSKA, Eugenia (Warszawa, Sienna 60); LUKASZEWCZ-DANCOWA, Danuta

Case of recurrent Heine-Medin disease. Pediat. polaka 29 no.5:
520-522 May 54.

1. Z Kliniki Chorob Zakaznych Wieku Dziecięcego Akademii Medycznej
w Warszawie. Kierownik: prof. dr med. J. Bogdanowicz.

(POLIOMYELITIS,
recur.)

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EXCERPTA MEDICA Sec. 7 Vol. 9/9 Sept. 55

Lukaszewicz-Dancowa, D.

1899. ŁUKASZEWCZ-DAŃCOWA D. and GODZIŃSKA E. Miejskiego Szpit. Za-
kaźnego nr 3, Warszawa; Klin. chor. Zakaźnych Wieku Dziecięcego Akad.
med., Warszawa. *Przyczynek do badań hematologicznych w chorobie
Heinego-Medina. A contribution to the haematological inves-
tigations in poliomyelitis PEDIAT. POL. 1954, 29/6 (601-606)

Tables 4

The blood picture, ESR and blood groups in 156 patients were investigated. No
definite dependence between the groups of blood and susceptibility to the disease
were noted. BSR in about 50% was a little raised, rarely reached more than 40
mm. after 1 hr. The number and the pattern of white blood cells did not deviate
from the normal. Considerably increased ESR and high leucocytosis speak rather
against poliomyelitis or are caused by additional infection. Authors (XX, 7, 8)

ŁUKASZEWICZ-DANCOWA, Danuta

ŁUKASZEWICZ-DANCOWA, Danuta; GODZINSKA, Eugenia; CZCHAROWSKA, Monika

Leukocytes in the cerebrospinal fluid in Heine-Medin disease.
Pediat. polska 29 no.6:607-613 June 54.

1. Z Miejskiego Szpitala Zakaznego Nr 3 w Warszawie. Dyrektor:
dr med. E.Pomerska. 2. Z Kliniki Chor. Zakaznych Wiek Dziecięcego
Akademii Medycznej w Warszawie. Kierowniki: prof. dr med. J.Bogdanowicz.

(POLIOMYELITIS, cerebrospinal fluid in,
leukocytes)

(LEUKOCYTES, in cerebrospinal fluid,
in polio.)

(CEREBROSPINAL FLUID,
leukocytes, in polio.)

LUKASZEWICZ D.

CZACHOROWSKA-WROBLEWSKA, M.; LUKASZEWICZ-DANCOWA, D.

Guillain-Barre syndrome in six-year-old girl treated with ACTH.
Pediat. polska 29 no.8:307-309 Aug 54.

1. Z Kliniki Chorob Zakaznych Wieku Dziecięcego Akademii Medycznej
w Warszawie. Kierownik: prof. dr med. J. Bogdanowicz. Z Miejskiego
Szpitala Zakaznego nr e 3 w Warszawie. Dyrektor: dr med. E. Pomerska
(ACTH, therapeutic use,

Guillain-Barre synd. in child.)

(GUILLAIN-BARRE SYNDROME, in infant and child,
ther., ACTH.)

EXCERPTA MEDICA Sec 7 Vol 10/9 Pediatrics Sept. 56

1945. ŁUKASZEWICZ-DAŃCOWA D., GECOW A. and BOBÍNSKA B. Klin. Chor. Zak. Wieku Dzieci, A. M., Warszawa; Miejskiego Szpit. Zak. nr. 3, Warszawa. * Charakterystyka przypadków choroby Heinego-Medina leczonych w szpitalach warszawskich w r. 1953. Features of poliomyelitis cases treated in Warsaw hospitals in 1953 PEDIAT. POL. 1955, 30/1 (77-82) Tables 6

The number of cases was 270, this incidence being higher than in 1952 and lower than in 1951. The majority of cases were in children under 3 yr. and the peak occurred in July to October. There was an increase in the number of abortive cases admitted to hospital. Manifestations of the catarrhal stage were pyrexia (87.9%), upper respiratory catarrh (24.7%), constipation (22.7%) and vomiting (17.7%). As in previous years, the CSF showed pleiocytosis below 50 in the majority of cases (64%) and above 400 in only a few (2.2%). Complete recovery occurred in 17.2% of cases, marked improvement in 31.9%, moderate improvement in 44.8%, no improvement in 3.5% and death in 2.5%. In comparison with preceding years there was a considerable increase in the number of persons hospitalized on account of contact with poliomyelitis. Of cases erroneously diagnosed as poliomyelitis, 32% proved to be diseases of the nervous system and 63% catarrhal respiratory affections.

Łukaszewicz-Danicowa - Warsaw (XX, 7, 8, 17)

LUKASZEWICK-DANOWA, Danuta.

Brain tumors in children. Pediat. polska 31 no.9:795-804 Sept 55.

1. Z Miejskiego Szpitala Zakaznego nr. 3 w Warszawie. Dyrektor:
dr. med. E.Pomerska. i z Kliniki Chorob Zakaznych Wieku Dziecięcego
& M w Warszawie. Kierownik: prof. dr. med. J.Bogdanowicz. Warszawa,
Broniwoja 6, Wierzbno.

(BRAIN, neoplasms
pathol., diag. & ther. in child.)

LUKASZEWICZ-DANCOWA, Danuta

Recent progress in the field of research on pathogenesis
and immunology of Heine-Medin disease. Przegl. epidem.,
Warsz. 10 no.1:79-83 1956.

1. Z Zakladu Wirusologii Panstw. Zakladu Higieny w Warszawie
Kierownik: prof. dr. F. Przesmycki Z Miejskiego Szpitala
Zakaznego Nr wx 3 w Warszawie Dyrektor: dr. E. Pomerska.
(POLIOMYELITIS,
immunol. & pathogen. (Pol))

EXCERPTA MEDICA Sec 7 Vol 10/11 Pediatrics Nov 56

2492. LUKASZEWCZ-DANCOWA D. Państwowego Zakt. Hig., Warszawa,
"Herpangina, obserwacje Kliniczne i badania wirusologiczne. Herpangina
clinical observation and virological studies PEDIAT. POL.
1956, 31/1 (25-33) Tables 4

Fifteen cases were observed during the summer and autumn of 1954 in children
below the age of 7 yr.; 1 case in a woman of 28. Clinically the course of the disease
was mild and of short duration. In the majority of the cases a full development of
changes in the pharynx with papules, vesicles and ulceration was noted; in a few
cases these changes did not extend beyond papular rash, in a few only reddened
pharynx was found which was considered as an abortive form of herpangina if it
was possible to detect the presence of a virus in the stools and garglings from the
throat and if contact with a patient suffering from herpangina was confirmed. In
14 cases Coxsackie virus was found in the stools, in 10 cases in garglings from the
throat. (XX, 7, 4)

GECOW, Anna; LUKASZEWICZ-DANCOWA, Danuta

Respiratory disorders in Heine-Medin disease. Pediat. polska
31 no.4:389-399 Apr 56.

1. Z Miejskiego Szpitala Zakaznego Nr 3 w Warszawie. Dyrektor:
dr. med. E. Pomerska, Warszawa Sienna 60.

(RESPIRATION, in various diseases,

polio. (Pol))

(POLIOMYELITIS, physiology,

resp. (Pol))

LUKASZEWCZ-DANCOWA, Danuta; WALENTYNOWICZ-STANCZYK, Regina

Case of Werdnig-Hoffman's disease in an infant. Pediat. polska
31 no.9:1031-1034 Sept 56.

1. Z Miejskiego Szpitala Zakaznego Nr 3 w Warszawie, Dyrektor:
dr. med. E. Pomerska i z Zakladu Anatomii Patologicznej A.M. w
Warszawie Kierownik: prof. dr. med. L. Paszkiewicz, Adres:
Warszawa, ul. Sienna 60.

(PROGRESSIVE MUSCULAR ATROPHY, in infant and child,
Werdnig-Hoffman atrophy in inf. (Pol))

EXCERPTA MEDICA Sec 4 Vol 12/1 Med. Micro. Jan 59

235. CLINICAL PICTURE OF POLIOMYELITIS AND RESULTS OF VIROLOGICAL INVESTIGATIONS - Obraz kliniczny choroby Heinego Medina a wynik badań wirusologicznych - Łukaszewicz-Dancowa D. Z Miejskiego Szpitala Zakaźnego Nr 3, Warszawa - PEDIAT. POL. 1957, 32/9 (983-992) Tables 2

Of 202 stool samples from 185 children under 10 yr. received for virological examination, 122 came from poliomyelitis cases, and 63 from cases in which the diagnosis of poliomyelitis was uncertain or could be ruled out. Virological examination gave a positive result for poliomyelitis in 94 cases (82 clinically recognized and 12 in which this diagnosis was unexpected). The best results were obtained with stool samples from the 1st week of illness. Type I virus was the most often found, especially in the cases which were clinically the most severe.

Kukowka Greiz (L, 4)

LUKASZEWCZ-DANCOWA, Danuta; WEGIELEK, Hanna

Case of Oppenheim's disease (amyotonia congenita) in a 15 months old infant. Polski tygod. lek. 13 no. 45:1784-1786 10 Nov 58.

l. Z Miejskiego Szpitala Zakaznego Nr 3 w Warszawie; dyrektor: doc. dr med. Aniela Marks-Zakrzewska. Adres: Warszawa, nr 3, ul. Sienna 60, Miejski Szpital Zakazny.

(AMYOTONIA CONGENITA, case report
(Pol.))

as.

LUKASZEWICZ-DANOWA, Danuta; WEGIELEK, Hanna

Case of spinal cord tumor in an infant. Pediat.polska 33 no.6:
721-724 June 58.

1. Z Miejskiego Szpitala Zakaznego Nr 3 w Warszawie. Dyrektor:
doc. dr med. A. Marks-Zakrzewska. Adres: Warszawa, ul. Sienna 60.
(FIBROSARCOMA, in inf. & child
spinal cord, case report (Pol))
(SPINAL CORD, neoplasms
fibrosarcoma in inf., case report (Pol))

GECOW, Anna; LUKASZEWICZ-DANCOWA, Damita; HROBOWSKA, Hanna

Purulent inflammation of cerebrospinal meninges caused by Nocardia.
Polskie tygod. lek. 14 no.4:170-172 26 Jan 59.

l. Z Miejskiego Szpitala Zakaznego Nr 3 w Warszawie; dyrektor: doc.
A. Marks-Zakrzewska; kierownik oddzialu: dr D. Lukaszewicz-Dancowa
Adres: Warszawa, ul. Sienna 60. Miejski Szpital Zakazny nr. 3.
(MENINGITIS, in inf. & child

Nocardia causing purulent meningitis, case report (Pol))
(NOCARDIA INFECTIONS, in inf. & child
purulent meningitis, case report (Pol))

LUKASZEWICZ-DANCOWA, Danuta; GĘGOW, Anna; DĘBSKI, Ryszard; WĘGIELEK, Hanna

Attempted evaluation of various pharmacological agents in the treatment of Heine-Medin's disease. Polski tygod. lek. 14 no. 14:634-641
6 Apr 59.

1. (Z Miejskiego Szpitala Zakaznego Nr 3 w Warszawie; dyrektor doc.
Aniela Marks-Zakrzewska; Kierownik Oddziału Neuroinfekcji: dr D.
Lukaszewicz-Dancowa). Warszawa, Miejski Szpital Zakazny Nr 3, ul. Sienna
60.

(POLIOMYELITIS, ther.
drug ther., statist. (Pol))

LUKASZEWICZ-DANGOWA, Danuta; GILMEVICZ, Bronisława

Successful therapy of a case of severe cerebro-spino-bulbar form of
Heine-Medin disease. Pediat. polska 34 no.2:193-196 Feb 59.

l. Z Miejskiego Szpitala Zakaznego Nr 3 w Warszawie Dyrektor: doc. dr
med. A. Marks-Zakrzewska. Adres: Warszawa, ul. Sienna 60.
(POLIOMYELITIS BULBAR, in infant & child,
cerebro-spino-bulbar form, ther. (Pol))

LUKASZEWICZ-DANCOWA, D.; MACIEREWICZ, M.; WEGIELEK, H.

Case of suppurative meningitis induced by Haemophilus influenzae and
Candida albicans stelatoidea. Pediat. polska 34 no.5:699-704 May 59.

1. Z Oddzialu Neuroinfekcji Miejskiej Szpitala Zakaznego Nr 3 w Warszawie
Dyrektor szpitala: doc. dr med. A. Marks-Zakrzewska. Kierownik Oddzialu:
dr med. D. Lukaszewicz-Dancowa. Adres: Warszawa, ul. Sienna 60.
(MENINGITIS, microbiol.

Hemophilus influenzae & Candida albicans (Pol))

(HEMOPHILUS INFLUENZAE, infect.

meningitis, with Candida albicans (Pol))

(MONILLIASIS, compl.

meningitis, with Hemophilus influenzae infect. (Pol))

LUKASZEWICZ-DANCOWA, Danuta; GECOW, Anna

Acute curable cerebellar ataxia in children. Polski tygod.lek.
15 no.6:215-219 8 F '60.

1. Z Miejskiego Szpitala Zakaznego nr 3 w Warszawie; dyrektor:
doc. A. Marks-Zakrzewska; ordynator Oddzialu Neoroinfekcji:
dr. D. Lukaszewicz-Dancowa.
(ATAXIA in inf.& child.)
(CEREBELLUM dis.)

LUKASZEWCZ-DANCOWA, Danuta; GILEWICZ, Bronislawa; DOBROWOLSKA, Halina

The role of the poliomyelitis virus in peripheral isolated paralysis
of the facial nerve in children. Polski thgod. lek. 16 no.24: 911-915
12 Je '61.

1. Z Miejskiego Szpitala Zakaznego Nr 3 w Warszawie; dyrektor: doc.
M. Marks-Zakrzewska; ordynator Oddzialu Neuroinfekcji: dr Danuta
Lukaszewicz-Dancowa i z Panstwowego Zakladu Higieny w Warszawie;
dyr.: prof. dr med. Feliks Przesmycki.

(POLIOMYELITIS compl)
(FACIAL PARALYSIS in infancy & childhood)

LUKASZEWICZ-DANCOWA, Danuta; WROBLEWSKA, Monika; BOGOSAVLJEVIC, Halina;
DOBROWOLSKA, Halina; TAYSCH, Zofia; WROBLEWSKA, Zofia

Role of enteroviruses in aseptic cerebrospinal meningitis in
children. Polski tygod. lek. 16 no.40:1524-1529 20 '61.

1. Z Miejskiego Szpitala Zakaznego Nr 3 w Warszawie; dyr.: doc.
Marks-Zakrzewska, ordynator oddzialu neuroinfekcji; dr Danuta
Lukaszewicz-Dancowa i z Panstwowego Zakladu Higieny w Warszawie;
dyr.: prof. dr med. F. Przesmycki.

(ENCEPHALITIS virol) (VIRUS DISEASES in inf & child)

LUKASZEWICZ-DANCOWA, Danuta; PIEKARSKA, Krystyna; LESKI, Bohdan

2 cases of mumps myelitis. Pol. tyg. lek. 17 no.40:1560-1563 10 '62.

1. Z Miejskiego Szpitala Zakaźnego nr 3 w Warszawie; dyrektor szpitala:
doc. dr Aniela Marks-Zakrzewska, ordynator oddziału Neuroinfekcji: dr
Danuta Lukaszewicz-Dancowa.
(MYELITIS) (MUMPS)

LUKASZEWICZ-DANCOWA, Danuta; WISZCZOR- ADAMCZYK, Bronislawa

Salaam spasms in children. Pediat. pol. 39 no.1:7-15 Ja'64

1. Z Kliniki Neurologii i Neuroinfekcji Dziecięcej (kierownik:
dr. med. D.Lukaszewicz-Dancowa) Instytutu Matki i Dziecka w
Warszawie (Dyrektor: prof.dr.med. B.Gornicki)

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LUKASZEWCZ-DANCOWA, Danuta; KMIOLEK, Wieslaw; KRETOWICZ, Janusz

Congenital facial paralysis caused by birth injury. Ginek. Pol.
35 no.6s829-836 N-5 '64

1. Z Kliniki Neurologii Dziecięcej Instytutu Matki i Dziecka w
Warszawie (Kierownik: doc. dr. med. D. Lukaszewicz-Dancowa) - i z
II Kliniki Położnictwa i Chorób Kobiecych Akademii Medycznej w
Warszawie (Kierownik: prof. dr. med. I. Roszkowski).

LUKASZEWCZ-DANCOWA, Danuta; KMOLEK, Wieslaw; KRĘTOWICZ, Janusz;
ROGOYSKI, Antoni

Birth injury of the brachial plexus. Ginek. Pol. 35 no.6:837-843
Nr D '64

1. Z Kliniki Neurologii Dziecięcej Instytutu Matki i Dziecka w
Warszawie (Kierownik: doc. dr. med. D.Lukaszewicz-Dancowa);
z II Kliniki Poloznictwa i Chorob Akademii Medycznej w Warszawie
(Kierownik: prof. dr. med. I. Roszkowski) oraz z Kliniki Poloz-
nictwa i Chorob Kobiecych Instytutu Matki i Dziecka w Warszawie
(Kierownik: prof. dr. med. J.Lesinski).

LUKASZEWCZ-DANCOWA, Danuta; LOSIOWSKI, Zbigniew

A case of pseudohypoparathyroidism in a 8 1/2-year-old girl.
Pol. tyg. lek. 19 no.2:65-67 Ja '64.

1. Z Kliniki Neurologii i Neuroinfekcji Dziecięcych Instytutu
Matki i Dziecka w Warszawie (kierownik: dr med. Danuta
Lukaszewicz-Dancowa).

LUKASZEWICZ-DANCOWA, Danuta

Diseases of the nervous system in children caused by enteroviruses.
Pediat. Pol. 39 no.6:729-735 Je '64.

i. Z Kliniki Neurologii i Neuroinfekcji Dziecięcej Instytutu
Matki i Dziecka w Warszawie (Dyrektor Instytutu prof. dr med.
B. Gornicki ; Kierownik Kliniki doc. dr med. D. Lukaszewicz-
Dancowa).

LUKASZEWICZ-DANCOWA, Danuta

Pseudoneoplastic syndrome of the brain in children. Pediat.
Pol. 39 no.7:803-807 Je '64.

1. Z Kliniki Neurologii Dziecięcej (Kierownik: doc. dr med.
D. Lukaszewicz-Dancowa) Instytutu Matki i Dziecka w Warszawie
(Dyrektor: prof. dr med. B. Gornicki).

"APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R001030810001-7

LUKASZEWCZ-DANOWA, Danuta

Etiology and pathogenesis of hydrocephalus in young children.
Pediat. Pol. 40 no.2:207-213 F '65

APPROVED FOR RELEASE: 07/12/2001

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LUKASZEWSKA, Irena

Initial stage of regeneration of nerves in frogs. Acta physiol.
polon. 5 no.4:498-499 1954.

1. Z Zakladu Neurofizjologii Inst. Biologii Doswiadczaej im.
W.Nenckiego w Lodz. Kierownik: prof. dr J.Konorski.

(NERVES, physiology,
regen., initial stage)

(REGENERATION,
nerves, initial stage)

LUKASZEWSKA, IRENA.

Okras utajony i przebieg początkowy regeneracji nerwów obwodowych u
zab. Wyd. 1. Lodz, Państwowe Wydawn. Naukowe, 1955. 14 p. Łódzkie
Towarzystwo Naukowe. Wydział III. Prace, nr. 35. Initial course of
regeneration in peripheral nerves of frogs. English and Russian
summaries. 1st ed. bibl., graphs, table.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 3, March 1956

LUKASZEWSKA, I.

A study of returning behavior of white rat on elevated maze. Acta
biol exper 21:253-265 '61.

1. Department of Neurophysiology, Nencki Institute of Experimental
Biology, Warsaw.

(RATS) (MAZE TESTS)

LUKASZEWSKA, I.

Return reaction versus one trial learning. Acta biol. exp. 22 no.1:
23-30 '62.

1. Department of Neurophysiology, The Nencki Institute of Experimental
Biology, Warsaw.

(LEARNING)

LUKASZEWSKA, Irena

Inhibition of the perseverative tendency in rats. Acta biol.
exp. (Warsz.) 24 no.1:13-18 '64

1. Department of Neurophysiology, The Nencki Institute of Ex-
perimental Biology, Warsaw 22, Poland.

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LUKASZEWSKA, Irena

The effect of intra-maze visual cues on return reaction in rats. *Acta biol. exp. (Warsz.)* 24 no.3:153-159 '64.

1. Department of Neurophysiology, The Nencki Institute of Experimental Biology, Warsaw 22, Poland.

CZECHOSLOVAKIA / POLAND

BURESOVA, O.; LUKASZIEWSKA, I.; BURES, J.; Institute of Physiology,
Czechoslovak Academy of Sciences, Prague; Department of Neuro-
physiology, Nencki's Institute of Experimental Biology, Warsaw.
Orig. version not given 7.

"Improvement of Alternation Learning Under Conditions of Inter-
hemispheric Synthesis in Rats."

Prague, Activitas Nervosa Superior, Vol 8, No 2, Jun 66, pp 199-200

Abstract: During unilateral functional decortication due to cortical spreading depression independent memory traces can be stored separately in both cerebral hemispheres and used later by the intact brain. 1 Figure, 3 Czech references. Submitted at the 4th Confer. of Exper. and Clin. Study of Higher Nerv. Functions at Mar. Lazne, 12-15 Oct 65. Article is in English.

1/1

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ŁUKASZEWSKA, L.

"Okres utajony i przebieg początkowy regeneracji nerwów obwodowych u zeb"
by L. Łukaszewska. Reported in New Books (Nowe Ksiazki), No. 15, August 1, 1955

LUKASZEWSKA- OTTO, Halina

Commissures and cusps of the cardiac mitral valve. Folia mor-
phol. 22 no.3: 233-246 '63

1. Zaklad Anatomii Prawidlowej, Akademia Medyczna, Warszawa.
Kierownik: prof. dr. W.Sylwanowicz.

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LUKASZEWSKI, BOGDAN

SENGER, Alfons; LUKASZEWSKI, Bogdan

Stress fracture of the femoral neck. Chir. narz. ruchu 22 no.1:
29-38 1957.

1. Z Kliniki Ortopedycznej A. M. w Poznaniu. Kierownik: prof dr W Dega.
Z Zakladu Anatomii Patologicznej w Poznaniu. Kierownik: prof. dr J.
Groniowski. Adres autorow: Poznan, ul. Maszynowa 16 m. 2.

(FEMUR NECK, fract.
stress fract. (Pol))

IABENDZINSKA, Hanna; LUKASZEWSKI, Bogdan; WAWRZYNIAK, Stanislaw

Research on osseous lesions in pernicious anemia. Polskie arch. med. wewn. 28 no.7:995-997 1958.

1. Z III Kliniki Chorob Wewnętrznych A. M. w Poznaniu Kierownik: prof. dr med. F. Iabendziński z Zakładu Radiologii A. M. w Poznaniu Kierownik: doc. dr med. B. Gladysz i z Zakładu Anatomii Patologicznej A. M. w Poznaniu Kierownik: prof. dr med. J. Groniowski. Adres autora: Warszawa, I Klinika Chorob Wewnętrznych, ul. Nowogrodzka 59.

(ANEMIA, PERNICIOUS, pathol.

bone lesions (Pol))

(BONE AND BONES, pathol.

bone lesions in pernicious anemia (Pol))

GREMBOWICZ, Lucjan; LUKASZEWSKI, Bogdan

On the so-called supernumerary lung or organ-like embryonic tumor.
Pat. polska 10 no.1:87-94 Jan-Mar 59.

l. Z Zakladu Anatomii Patologicznej A.M. w Poznaniu Kierownik: Prof.
dr J. Groniowski. Adres antorow: Poznan, ul. Przybyszewskiego 49.

(TERATOMA, case reports,
embryonic tumor representing supernumerary lung (Pol))
(LUNGS, abnorm.
same)

LUKASZEWSKI, Bogdan; SWIDERSKI, Gerwazy; PISKORSKI, Zdzislaw

Histopathological studies on false joints. Chir. narz. ruchu ortop. polska 26 no.6:687-691 '61.

1. z Kliniki Ortopedycznej AM w Poznaniu Kierownik: prof. dr. W.Dega
Z Zakladu Anatomii Patologicznej AM w Poznaniu Kierownik: prof. dr
J. Groniowski.
(PSEUDARTHROSIS pathol)

LUKASZEWSKI, Bogdan

Primary tumors of the lymph node and their evaluation according
to biopsy material. Pozn. tow. przyjac. nauk wydz. lek. 27:
119-170 '64.

STADNICKI, J.; KRAJNIK, J.; LIUKASZEWSKI, B.; MOCZKO, W.

Reconstructive plastic surgery of defects of the hard palate
using cartilage. Czas. stomat. 18 no.8/9:1021-1027 Ag-S '65.

1. Z Kliniki Chirurgii Szczenkowej AM w Poznaniu (Kierownik:
prof. dr. J. Stadnicki), z Zakladu Radiologii AM w Poznaniu
(Kierownik: prof. dr. B. Gladysz) i z Zakladu Anatomii
Patologicznej AM w Poznaniu (Kierownik: doc. dr. P. Gabryel).

LUKASZKI EWICZ, H.

LUKASZKI EWICZ, H.

Again on rubber hose for welding apparatus.

p. 22 (Ochrona Pracy; Bezpieczenstwo I Higinea Pracy. Vol. 10, no. 6, June 1956.
Warszaw, Poland)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,
February 1958

LUKASZKIEWICZ, H.

Supplies for the welding industry; an address in the Sejm. p. 121.

PRZEGLAD SPAWALNICTWA. (Stowarzyszenie Inżynierów i Techników Mechaników Polskich i Instytut Spawalnictwa) Warszawa, Poland. Vol. 11, no. 5, May 1959.

Monthly List of East European Accesions (EMI) LC. Vol. 8, no. 7, July 1959.

Uncl.

ZURKOWSKA, Janina; LUKASZEWSKI, Mieczyslaw; OZAROWSKI, Aleksander

Cardenolide glycosides. III. Quantitative and qualitative
thin-layer chromatography of digitalis glycosides. Acta pol.
pharm. 20 no.2:115-120 '63.

1. Z Zakladu Zwiazkow Naturalnych Instytutu Farmaceutycznego
w Warszawie Kierownik Zakladu: Dr A. Ozarowski.
(DIGITALIS GLYCOSIDES) (CHROMATOGRAPHY)

KRUSZCZEWSKI, Wojciech, LUKASZEWSKI, Mieczyslaw, ZURKOWSKA, Janina.
Jednolitej, Aleksander.

Cardenolid glycosides. VI. Determination of digitoxin in
Digitalis purpurea leaves after the isolation of gitalin
fractions. *Acta Pol. pharm.*, 21, no. 3:257-263 '64.

1. Z Zakladu Zwiazkow Naturalnych Instytutu Farmaceutycznego
w Warszawie (Kierownika dr. A. Dzwarski).

KROSCZYNISKI, Wojciech; LUKASZEWSKI, Mieczyslaw; ZURKOWSKA, Janina;
MARCISZEWSKI, Henryk; OZAROWSKI, Aleksander

Cardenolide glycosides. IV. Production of acetyldigitoxin
through selective acetylation of digitoxin. Acta pol. pharm.
20 no.2:121-129 '63.

1. Z Zakladu Zwiazekow Naturalnych Instytutu Farmaceutycznego
w Warszawie Kierownik Zakladu: Dr A. Ozarowski.
(DIGITOXIN) (CHEMISTRY, PHARMACEUTICAL)
(DIGITALIS GLYCOSIDES)

LUKASZKIEWICZ, Z.

"The legal responsibility of the manager of building work in connection with the violation of safety measures and regulations" p. 25 (budownictwo wiejskie, Vol. 5, No. 3, May/June 1953, Warszawa)

SO: Monthly List of Russian Acquisitions, Library of Congress, Vol. 3, No. 3
March 1953, Uncl.⁴

LUKASZUK, L.

19

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Mass spectrum of baryons. L. Lukaszuk (Univ. Warsaw). *Bull. acad. polon. sci., Ser. sci. Math., astron. et phys.*, 7, 315-20(1959)(in English).—On the basis of the theory of Królikowski (*C.A.* 53, 0820c) the mass differences are found to be 100 for $\Sigma\text{-}\Lambda$, 750 for $\Xi\text{-}N$, and 317 electron mass units for $\Lambda\text{-}N$, in good agreement with exptl. data.
Nonrelativistic approx. is used. J. Stech

DR

JML

LUKASZEWSKI, Marian, dr

Scope and structure of the maritime trade turnover. Tech
geop-norma 13 no.5:131-133 My '69.

1. Wyższa Szkoła Ekonomiczna, Sopot.

LUKASZYK, A.

Contributions to investigations on the behavior of some hydrolytic enzymes in the kidneys of mature hens and in course of their organogenesis. Folia biol 11 no.1:53-68 '63.

1. Institute of Regular Histology and Embryology, Medical Academy, Poznan. Head: K. Mietkiewski, M.D.

SARNOWSKI, Marcin; BASINSKA, Helena; LUKASZYK, Andrzej

Influence of local application of chloramphenicol in the course
of the healing of noninfected wounds in rabbits. Pol. przegl.
chir. 37 no.2:159-167 F '65.

1. Z III Kliniki Chirurgicznej Akademii Medycznej w Poznaniu
(Kierownik: prof. dr. A. Piskorz) i z Zakladu Histologii
Prawidlowej i Embriologii Akademii Medycznej w Poznaniu
(Kierownik: prof. dr. K. Mietkiewski).

DUKATELA, G.

Practical qualities and comparison of high-frequency transmitting
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Vol. 3, No. 7, July 1955

SOURCE: East European Accessions List, (EEAL) Library of
Congress, Vol. 4, No. 2 December 1955

LUKATELA, G.

Duration of the impulse increase in single-cycle-blocking oscillators. p. 14. Vol. 5, No. 1, Jan. 1956. TELEKOMUNIKACIJE. Beograd, Yugoslavia.

SOURCE: East European Accessions List, (EEAL) Library of Congress, Vol. 5, No. 8, August, 1956.

LUKATELA, G.

LUKATELA, G. Form of current in electromagnetic deflecting coils. p. 271.

Vol. 24, No. 9/10, 1956.

ELEKTROTEHNISKI VESTNIK

TECHNOLOGY

Ljubljana, Yugoslavia

So: East European Accession, Vol. 6, No. 2, February 1957

S/194/62/000/001/065/066
D201/D305

AUTHOR: Lukatela, Georgie

TITLE: Increase of the signal-to-noise ratio in pulse-phase modulation systems with asymmetrical transmission of both side-bands

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika, no. 1, 1962, abstract 1-8-9 zh (Publ. Elektrotehn. fak. Univ. Beogradu, Ser. Telekomun. i elektron., 1961, no. 27, 55s, il)

TEXT: Results of theoretical and experimental analysis are given of multi-channel communication systems with pulse-phase modulation and asymmetrical transmission of both side-bands. It is shown that a considerable (up to 15 db) increase in the S/N ratio as compared with systems operating with symmetrical transmission of side-bands may be obtained. Although the asymmetrical side-band multi-channel transmission system requires a more complex equipment, this com-

Card 1/2

S/194/62/000/001/065/066
D201/D305

Increase of the ...

plexity is compensated for by considerable reduction of the transmitted frequency spectrum. ✓ Abstracter's note: Complete translation.

Card 2/2

LUKATS, Jeno, dr.

Training and distribution of physicians in 6 agricultural
counties. Nepegeszsegugy 45 no.1:7-10 Ja'64.